

ABSTRACT OF THE DISCLOSURE

A method of preparing an n-type thermoelectric material includes forming an alloyed ingot by mixing and melting a dopant to be added optionally and at least two elements selected from the group consisting of bismuth, tellurium, selenium, antimony, and sulfur to obtain a material mixture, and by cooling the material mixture. The method also includes pulverizing the alloyed ingot to obtain pulverized powder; sintering the pulverized powder at normal pressure to obtain a half sintered body; and subjecting the half sintered body to hot press performed at pressure more than the normal pressure.